



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT JR.
GOVERNOR

DIVISION OF HIGHWAYS
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

R. SAMUEL HUNT III
SECRETARY

Save
Division Project
File By DN. Sp. fo

September 6, 1995

MEMORANDUM TO: F. E. Whitesell, P.E.
Division Engineer

FROM: Whitmel H. Webb, III, P.E., Manager *WHW*
Program Development Branch

SUBJECT: Intersection Improvements at SR 1332 and
NC 24/27 near Troy in Montgomery County

At your request, I have had the staff of the Feasibility Studies Unit review the improvements proposed for the subject intersection. Please find attached a copy of the memorandum outlining their findings and suggestions. I have also attached a copy of the information used to evaluate your request.

It would appear that although the improved intersection geometry would be desirable, that recent accident experience may not merit a high priority for reconstructing the intersection. Perhaps enhanced traffic engineering measures, e.g., stop-ahead sign, flashers, etc., should be investigated as proper solutions to Mayor Maness's concerns.

If however, in consultation with Board Member Kindley, you believe that reconstruction of the intersection is justified, I would suggest that Small Urban Funds be used to implement this project.

Thank you for allowing us to comment on this proposed project. If I can be of further assistance, please feel free to call on me.

WHW/dm

Attachment

cc: G. R. Kindley, Member, Board of Transportation





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R. SAMUEL HUNT III
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July 26, 1995

MEMORANDUM TO: Whitmel H. Webb, III, P.E.
Manager Program Development

FROM: David G. Modlin, P.E. *David Modlin*
Head of Feasibility Studies

SUBJECT: Intersection Improvements at SR 1332 and
NC 24/27 near Troy in Montgomery County

I have reviewed the information supplied by Mr. Fred Whitesell, Division Engineer, and his staff. I have reviewed the accident history of this intersection for the period 6/1/92 through 5/31/95.

Six accidents have been reported during the subject period. Five of the six involved a southbound movement making a left turn. Four of these five accidents involved a westbound vehicle. The existing sight distance to the east exceeds 1,000 feet and under the proposed improvement would be approximately 650 feet. Either of these distances should allow a driver to discern an acceptable, safe gap in approaching traffic.

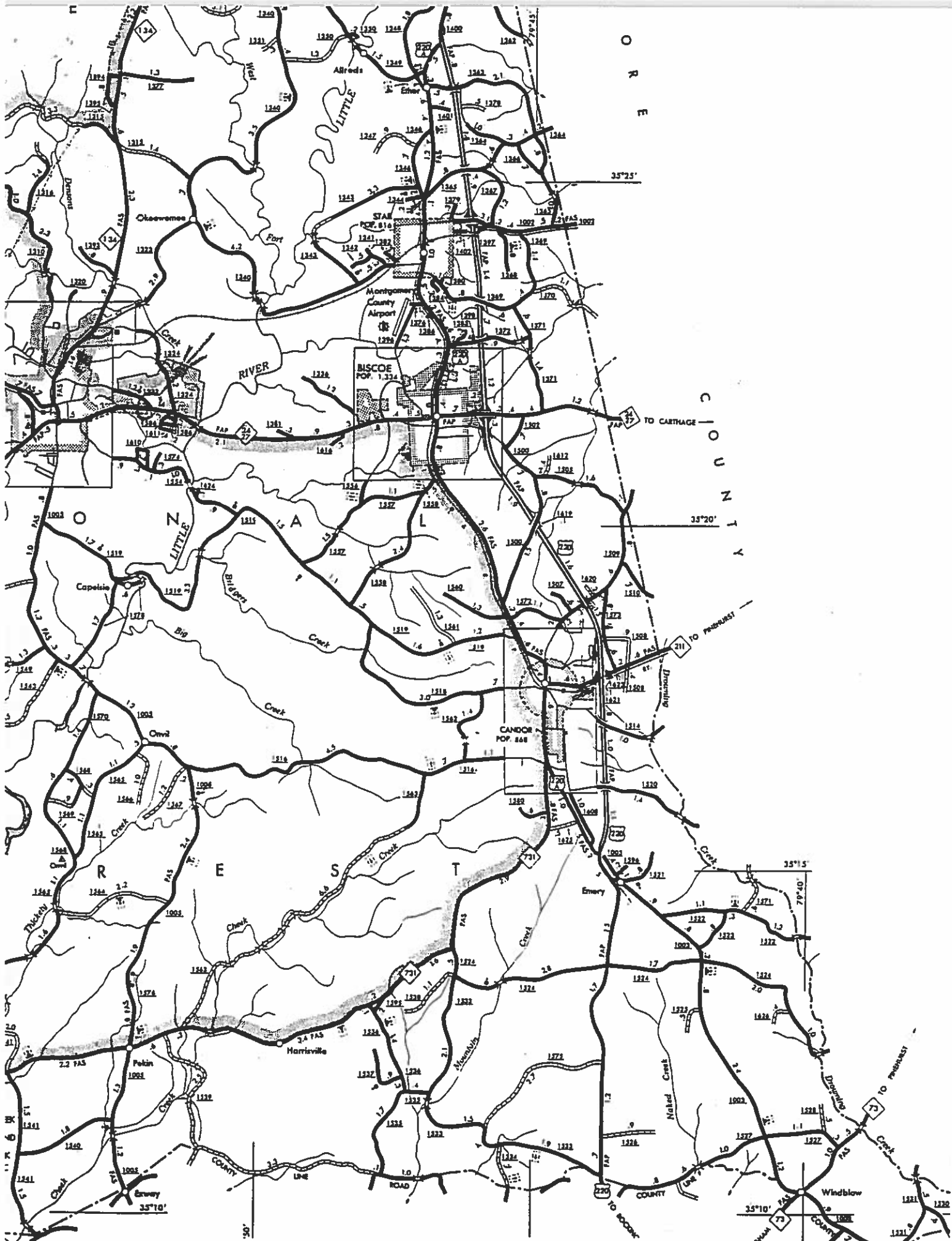
The project is estimated to cost \$115,000 (Construction, \$100,000 and Right of Way, \$15,000).

The proposed project would replace the existing skewed intersection with an improved 90-degree tee intersection. This would certainly provide for improved geometry. Recent accident experience does not seem to be related to sight distance deficiencies.

It would appear to me that this project, at the discretion of Board Member G. R. Kindley, Jr., and Division Engineer Fred Whitesell, could be implemented with Small Urban Funds.

DGM/bc





MONTGOMERY COUNTY